SMART SENSORS

CENTER

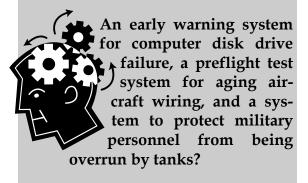
Smart Sensors probe the environment and modify their function in order to improve their data gathering capability. A smart sensor adapts to its environment, and sends improved data to the main processing computer. A smart sensor melds sensor, signal processing, and computer technologies. Applications span medicine, precision agriculture, electronics manufacturing, wireless communication, transportation and radar.

TECHNOLOGY

The Center for Smart Sensors focuses on two core technologies that have the greatest commercial potential, and five support technologies that are key aspects of the Center and enable the development and implementation of products utilizing the core technologies. This year we have added to the methods available for our core technologies, and are actively seeking license agreements in each of our core technology areas. Additional patents and invention disclosures have been filed in both core areas this year. Both families of technologies are based on simple ideas and simple circuits that result in two critical advantages -- Small and Cheap. This makes them applicable to a wide array of applications.

UTAH STATE UNIVERSITY

Can you imagine....



ACCOMPLISHMENTS

A lot of recent media attention has occurred surrounding the Center's smart wiring devices. This is driving potential partners and buyer agencies to demand our technology earlier than expected, and we may be able to sell a prototype design soon. We have begun to systematically dissect the technologies that may compete with our imbedded antenna technology to look for applications that could benefit from smaller and cheaper smart sensors.

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